9/22/83 A2575-1

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *SEPTEMBER* 16, 1983 **NO. 37**

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/16/83	Last Week Ending: 09/09/83	Last Year Week Ending: 09/17/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,095	13,013	12,844	+ 82	+ 251
Operable capacity	16,294	16,294	17,382	0	- 1,088
Percent operated	80.4	79.9	73.9		
Motor Gasoline					
Total motor gasoline production	6,821	6,755	6,624	+ 66	+ 197
Finished leaded motor gasoline production	3,021	2,998	*N/A*	+ 23	*N/A*
Finished unleaded motor gasoline production	3,800	3,757	*N/A*	+ 43	*N/A*
Total motor gasoline stocks	228,662	229,217	230,773	- 555	- 2,111
Finished leaded motor gasoline stocks	97,935	98,161	*N/A*	- 226	*N/A*
Finished unleaded motor gasoline stocks	92,432	90,285	96,825	+ 2,147	- 4,393
Distillate Fuel Oil					
Distillate fuel oil production	2,713	2,821	2,789	- 108	- 76
Distillate fuel oil stocks	149,186	147,235	163,038	+ 1,951	- 13,852
Residual Fuel Oil					
Residual fuel oil production	813	774	1,080	+ 39	- 267
Residual fuel oil stocks	46,983	45,750	55,809	+ 1,233	- 8,826
Imports					
Crude oil imports	4,018	4,355	3,615	- 337	+ 403
Product imports	1,742	1,628	1,526	+ 114	+ 216
Crude Oil Stocks					
Crude oil stocks	349,384	348,981	344,385	+ 403	+ 4,999

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,244	1,103	1,141	1,229	92.8
Appal. No. 1	88	86	86	177	48.6
DISTRICT 1 TOTAL	1,332	1,189	1,227	1,406	87.3
Appal. No. 2	68	64	65	66	98.5
Ind., Ill., Ky.	2,130	1,907	1,954	2,345	83.3
Minn., Wis., Daks.	298	288	299	296	101.0
Okla., Kans., Mo.	713	660	669	827	80.9
DISTRICT 2 TOTAL	3,209	2,919	2,987	3,534	84.5
Inland Texas	540	513	524	585	89.6
Texas Gulf Coast	3,558	3,165	3,250	3,907	83.2
La. Gulf Coast	2,253	2,137	2,157	2,875	75.0
N. La. and Ark.	164	157	168	286	58.7
New Mexico	98	79	79	105	75.2
DISTRICT 3 TOTAL	6,613	6,051	6,178	7,758	79.6
DISTRICT 4 TOTAL	395	425	427	536	79.7
DISTRICT 5 TOTAL	2,245	2,220	2,276	3,060	74.4
TOTAL U.S.	13,794	12,804	13,095	16,294	80.4
TOTAL U.S.					
Weeks Ended:					
SEP. 9, 1983	13,631	12,765	13,013	16,294	79.9
SEP. 17, 1982	13,786	12,449	12,844	17,382	73.9
DISTRICTS 1-4					
Weeks Ended:					
SEP. 16, 1983	11,549	10,584	10,819	13,234	81.8
SEP. 9, 1983	11,399	10,497	10,715	13,234	81.0
SEP. 17, 1982	11,577	10,385	10,753	14,290	75.2

API WEEKLY STATISTICAL BULLETIN
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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	604	243	361	6	41	224	89
Appal. No. 1	27	12	15	2	--	20	3
DISTRICT 1 TOTAL	631	255	376	8	41	244	92
Appal. No. 2	40	20	20	1	1	15	4
Ind., Ill., Ky.	1,166	467	699	13	99	380	44
Minn., Wis., Daks.	167	104	63	2	17	62	3
Okla., Kans., Mo.	442	242	200	3	7	202	10
DISTRICT 2 TOTAL	1,815	833	982	19	124	659	61
Inland Texas	311	160	151	22	29	116	20
Texas Gulf Coast	1,603	680	923	30	214	721	244
La. Gulf Coast	1,121	443	678	11	240	407	54
N. La. and Ark.	56	27	29	6	--	50	12
New Mexico	41	22	19	19	2	24	2
DISTRICT 3 TOTAL	3,132	1,332	1,800	88	485	1,318	332
DISTRICT 4 TOTAL	249	164	85	7	23	99	6
DISTRICT 5 TOTAL	994	437	557	47	258	393	322
TOTAL U.S.	6,821	3,021	3,800	169	931	2,713	813
TOTAL U.S. Weeks Ended:							
SEP. 9, 1983	6,755	2,998	3,757	171	896	2,821	774
SEP. 17, 1982	6,624	*N/A*	*N/A*	221	789	2,789	1,080
DISTRICTS 1-4 Weeks Ended:							
SEP. 16, 1983	5,827	2,584	3,243	122	673	2,320	491
SEP. 9, 1983	5,690	2,544	3,146	138	640	2,446	497
SEP. 17, 1982	5,650	*N/A*	*N/A*	165	555	2,438	749

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,809●	3,144	2,664●	1	81	678	12,029	2,131	--
Central Atlantic	29,896●	12,625	12,253●	5,018	216	4,099	37,235●	15,766	14,282
Lower Atlantic	28,277●	14,478●	13,465●	334	157	3,706	13,952	3,830	536
DISTRICT 1 TOTAL	63,982●	30,247●	28,382●	5,353	454	8,483	63,216●	21,727	14,818
DISTRICT 2 TOTAL	65,859●	30,710	28,746●	6,403	1,514	7,138	37,521●	3,292	16,390
DISTRICT 3 TOTAL	63,083●	23,724●	21,980	17,379	2,557	11,828	34,267	13,010	55,320
DISTRICT 4 TOTAL	5,918	3,040	1,759	1,119	320	728	2,896	492	2,360
DISTRICT 5 TOTAL	29,820	10,214	11,565	8,041	1,896	5,832	11,286	8,462	24,219
TOTAL U.S.	228,662	97,935	92,432	38,295	6,741	34,009	149,186	46,983	113,107
TOTAL U.S. Weeks Ended:									
SEP. 9, 1983	229,217●	98,161●	90,285●	40,771	7,021	32,260	147,235●	45,750	112,055
SEP. 17, 1982	230,773	*N/A*	96,825	*N/A*	5,786	34,109	163,038	55,809	116,582
DISTRICTS 1-4 Weeks Ended:									
SEP. 16, 1983	198,842	87,721	80,867	30,254	4,845	28,177	137,900	38,521	88,888
SEP. 9, 1983	198,378●	88,014●	78,647●	31,717	5,106	26,073	136,471●	38,267	87,264
SEP. 17, 1982	203,434	*N/A*	86,553	*N/A*	4,431	27,495	152,374	47,193	90,812

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *SEPTEMBER* 16, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *APRIL* 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
SEP. 16, 1983	5,850.0	5,884.0	3,889	282	266,386
SEP. 9, 1983	5,850.0	--	3,858	221	263,559
SEP. 2, 1983	5,836.0	--	3,805	287	266,024
AUG. 26, 1983	5,836.0	--	3,856	274	264,803
DISTRICT 5 TOTAL					
SEP. 16, 1983	2,860.0	2,833.0	129	--	82,998 *
SEP. 9, 1983	2,860.0	--	497	8	85,422
SEP. 2, 1983	2,812.6	--	231	--	84,547
AUG. 26, 1983	2,812.6	--	404	8	83,478
TOTAL U.S.					
SEP. 16, 1983	8,710.0	8,717.0	4,018	282	349,384 *
SEP. 9, 1983	8,710.0	--	4,355	229	348,981
SEP. 2, 1983	8,648.6	--	4,036	287	350,571
AUG. 26, 1983	8,648.6	--	4,260	282	348,281
SEP. 17, 1982	8,706.1/*A*	--	3,615	166	344,385

**INCLUDES 29,163 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/A DOE ACTUAL FOR SEPTEMBER 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
SEP. 16, 1983	16,180	74,274	162,956	12,976	266,386	82,998 *	349,384 *
SEP. 9, 1983	15,072	73,649	161,984	12,854	263,559	85,422	348,981
SEP. 17, 1982	17,959	72,280	152,161	11,764	254,164	90,221	344,385

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended *SEPTEMBER* 16, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	--	--	--	--	--
Central Atlantic	63	--	63	--	57	189	397	7	71	124	908
Lower Atlantic	97	50	47	--	--	--	173	--	--	--	270
DISTRICT 1 TOTAL											
SEP. 16, 1983	160	50	110	--	57	189	570	7	71	124	1,178
SEP. 9, 1983	167	80	87	--	34	186	654	11	35	95	1,182
SEP. 2, 1983	184	76	108	--	20	234	550	11	--	152	1,151
AUG. 26, 1983	307	143	164	--	37	319	773	15	234	38	1,723
DISTRICTS 2–4 TOTAL											
SEP. 16, 1983	4	4	--	--	32	5	15	147	216	12	431
SEP. 9, 1983	--	--	--	--	4	7	--	158	165	31	365
SEP. 2, 1983	2	2	--	--	--	5	35	152	251	14	459
AUG. 26, 1983	4	2	2	--	4	5	60	141	108	260	582
DISTRICT 5 TOTAL											
SEP. 16, 1983	26	18	8	--	3	5	26	11	53	9	133
SEP. 9, 1983	24	16	8	--	--	5	26	18	--	8	81
SEP. 2, 1983	26	18	8	--	2	5	54	18	--	9	114
AUG. 26, 1983	41	29	12	--	2	5	40	18	--	9	115
TOTAL U.S.	190	72	118	--	92	199	611	165	340	145	1,742
TOTAL U.S. Weeks Ended:											
SEP. 9, 1983	191	96	95	--	38	198	680	187	200	134	1,628
SEP. 2, 1983	212	96	116	--	22	244	639	181	251	175	1,724
AUG. 26, 1983	352	174	178	--	43	329	873	174	342	307	2,420
SEP. 17, 1982	189	*N/A*	60	7	15	107	980	132	71	17	1,526

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

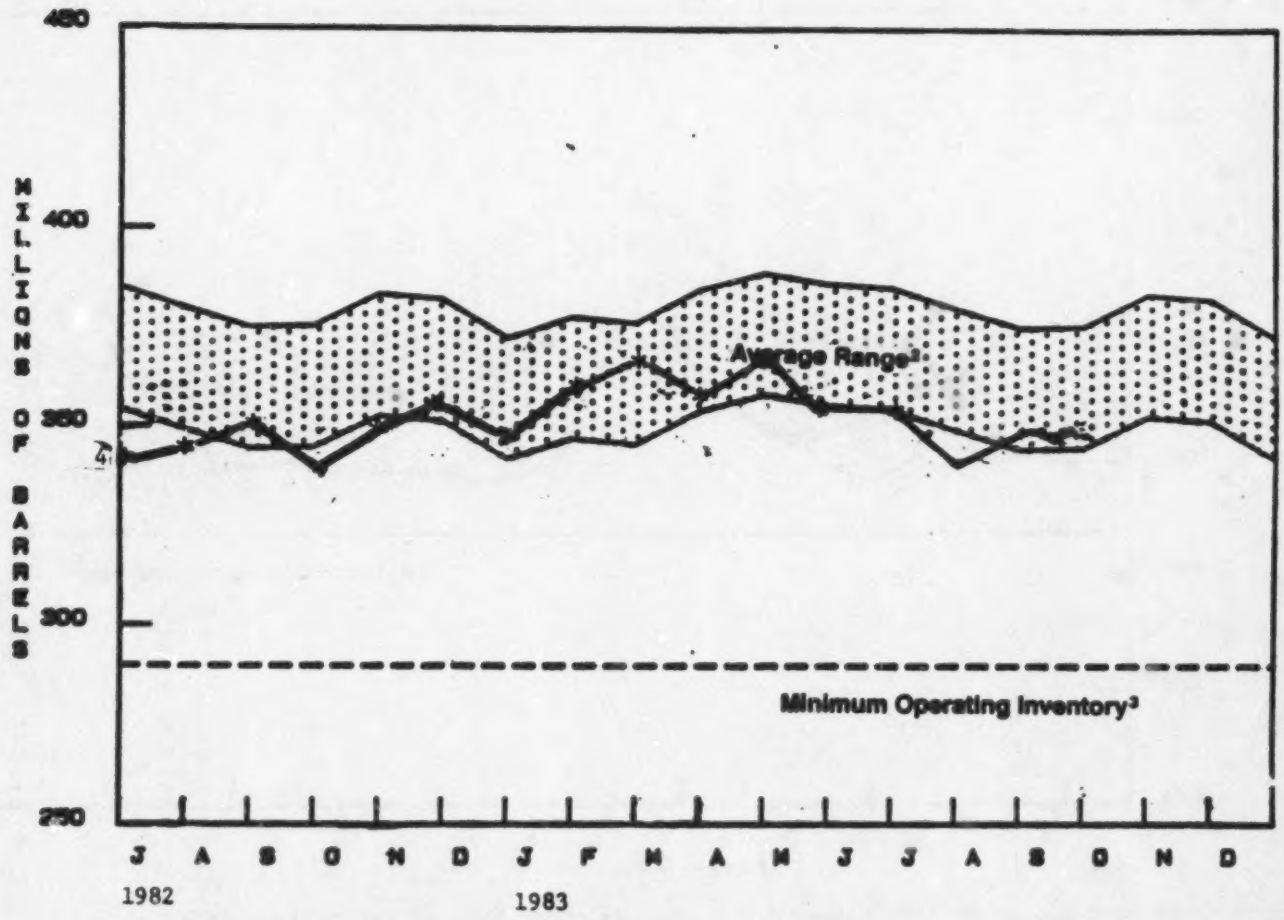
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: SEP. 16, 1983

REVISIONS

9/09/83	PAGE 3	TOTAL MGAS	NEW ENGLAND	5,683
			CENTRAL ATLANTIC	30,057
			LOWER ATLANTIC	27,206
			DISTRICT 1 TOTAL	62,946
			DISTRICT 2 TOTAL	65,857
			DISTRICT 3 TOTAL	63,563
			TOTAL U.S.	229,217
			DISTRICTS 1-4	198,378
		LEADED MGAS	LOWER ATLANTIC	14,954
			DISTRICT 1 TOTAL	31,056
			DISTRICT 3 TOTAL	22,636
			TOTAL U.S.	98,161
			DISTRICTS 1-4	88,014
		UNLEADED MGAS	NEW ENGLAND	2,482
			CENTRAL ATLANTIC	12,634
			LOWER ATLANTIC	12,012
			DISTRICT 1 TOTAL	27,128
			DISTRICT 2 TOTAL	27,552
			TOTAL U.S.	90,285
			DISTRICTS 1-4	78,647
		DISTILLATE FUEL	CENTRAL ATLANTIC	36,140
			DISTRICT 1 TOTAL	62,528
			DISTRICT 2 TOTAL	38,430
			TOTAL U.S.	147,235
			DISTRICTS 1-4	136,471

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

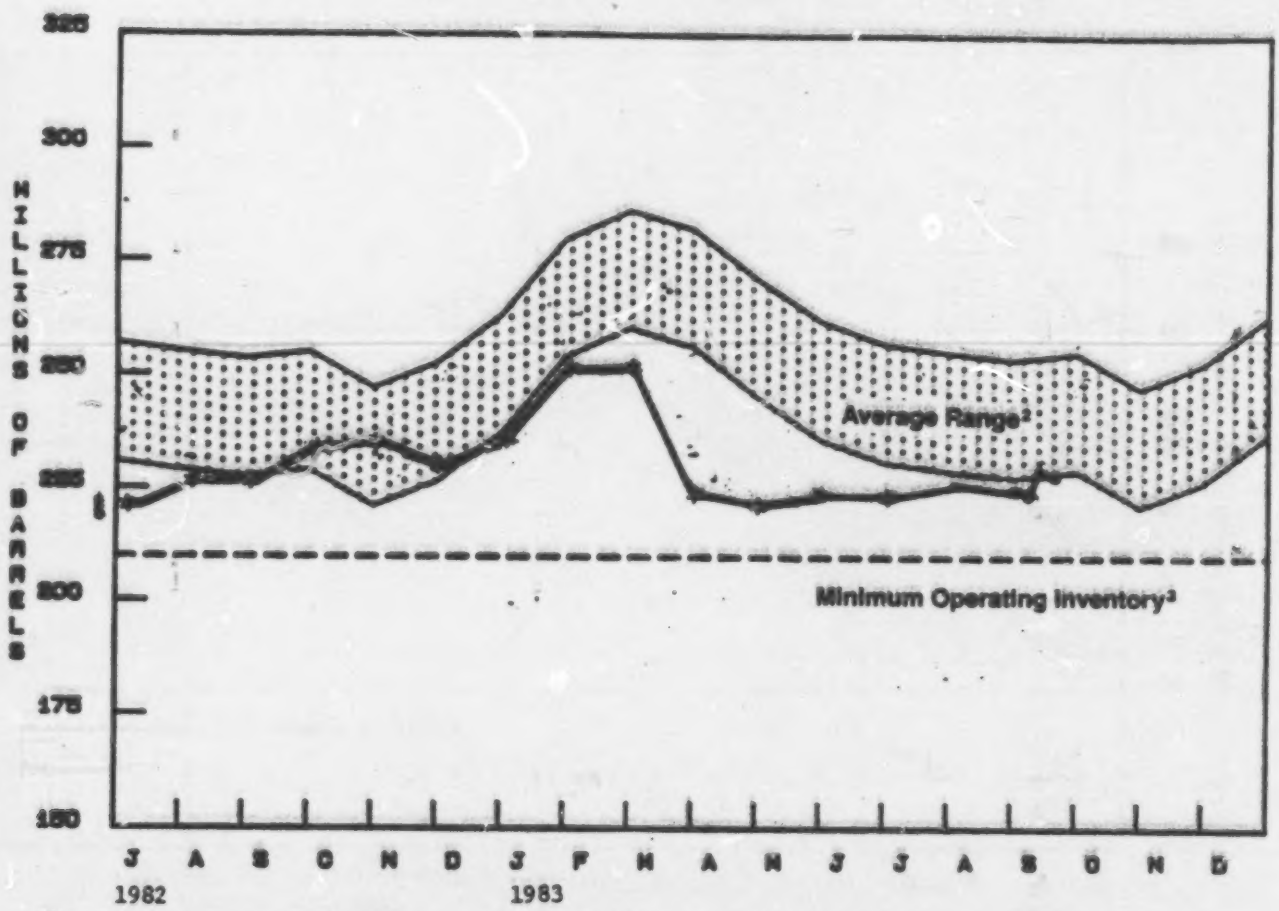
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended September 16, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

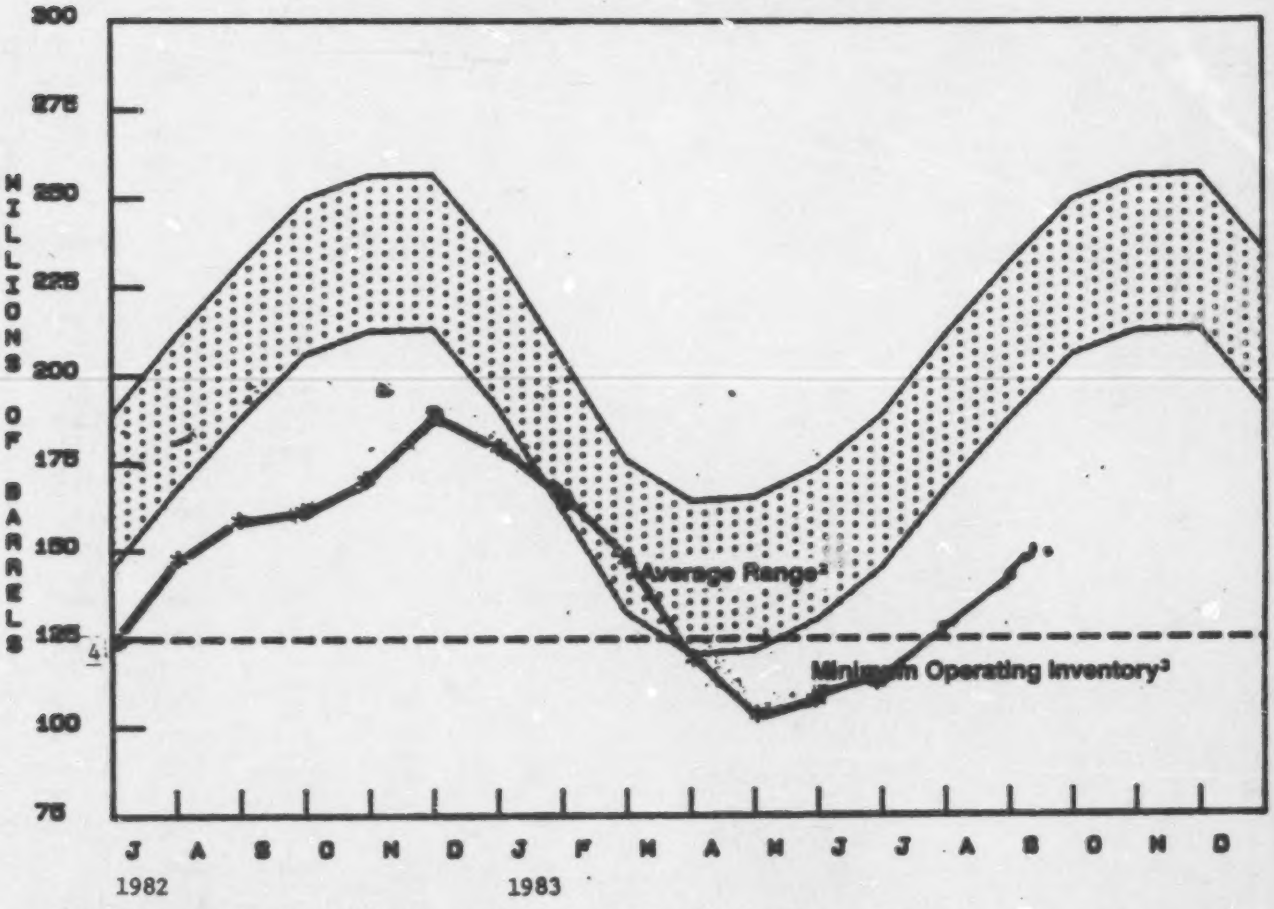
[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.